

Datasheet

Spring impact press BM20



The manually operated spring impact press BM20 was designed for continuous industrial use and develops an adjustable impact force up to a maximum of 3000 kg / 30 kN. It is ideal for a whole range of applications such as stamping, embossing, riveting and caulking. The simple marking with one stroke enables a uniform marking depth even with parts of different heights.

It is ideal for a whole range of applications such as stamping, embossing, riveting or caulking. Our compact spring hammer press is used wherever high impact performance is required in the smallest of spaces. The tool holder can optionally be equipped with a wheel stamping device, numbering stamping unit, type holder and machine stamp. We would be happy to manufacture machine stamps for you based on your technical drawing.

GENERAL DESCRIPTION

Short specification Spring impact press BM20

Weight	33 kg
Dimensions [W x H x D]	205 x 650 x 309 mm
Adjustable pressure	3000 kg / 30 kN
Maximum height	330 mm
T-slot mount	10 mm
Shank diameter	10 x 38 mm
Lever stroke	60 mm
Tool holder stroke	18 mm
Usable stroke	42 mm

FUNCTIONAL PRINCIPLE: SIMPLE, ROBUST AND LOW-MAINTENANCE

The impact spindle is deflected until contact with the workpiece begins. A clamping device is normally not necessary because the workpiece is fixed by the workingtool contact. The compression process of the „mainspring“ follows. This transfers the energy to a firing pin, which then triggers the kinetic impact [-impulse] and applies the marking.

FLEXIBLE USAGE

- There can be workpiece differences of 24 mm in one setting without headstock adjustment to be stamped
- Spring impact presses can be vertical or can be used horizontally

SPRING IMPACT PRESSES PROGRAM

We offer you our spring impact presses in three versions. For an easier selection, the table below shows the font heights depending on the number of characters in steel.

Character height	BM15	BM20	BM32
2 mm	4 character	10 character	20 character
3 mm	2 character	8 character	14 character
4 mm	1 character	6 character	12 character
5 mm	—	4 character	8 character

You can find more information about our spring impact presses at butzbach-marking.de or give us a call. We are happy to help!

